

**Existing Conditions (1999) Water Surface and Thalweg Profiles
Corresponding to Flood Peak Discharges**

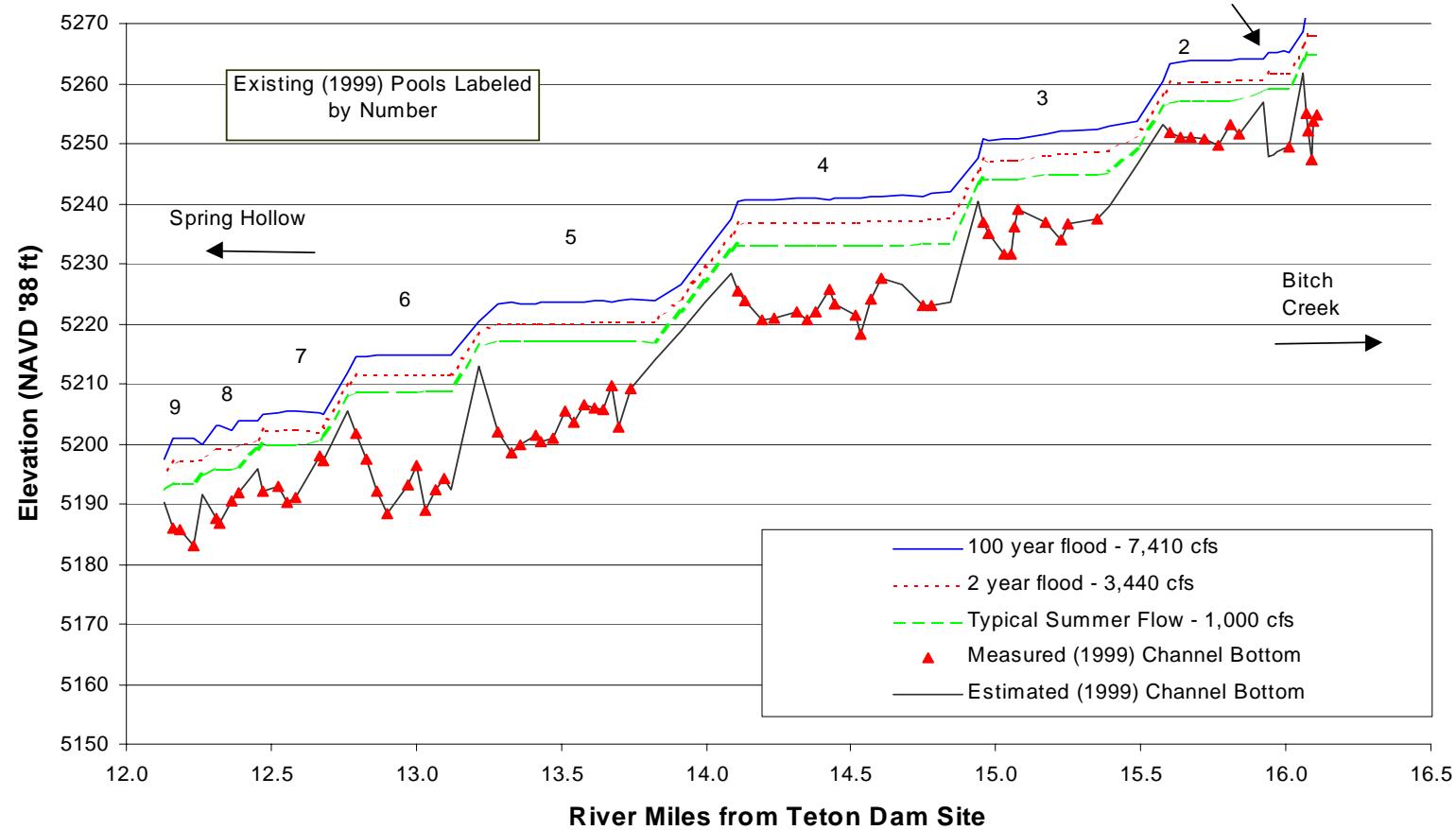


Figure H-1. Existing conditions (1999) water surface and thalweg profiles corresponding to a typical summer discharge and flood peak discharges (RM 12.1 to 16.1).

**Existing Conditions (1997-98) Water Surface and Thalweg Profiles
Corresponding to Flood Peak Discharges**

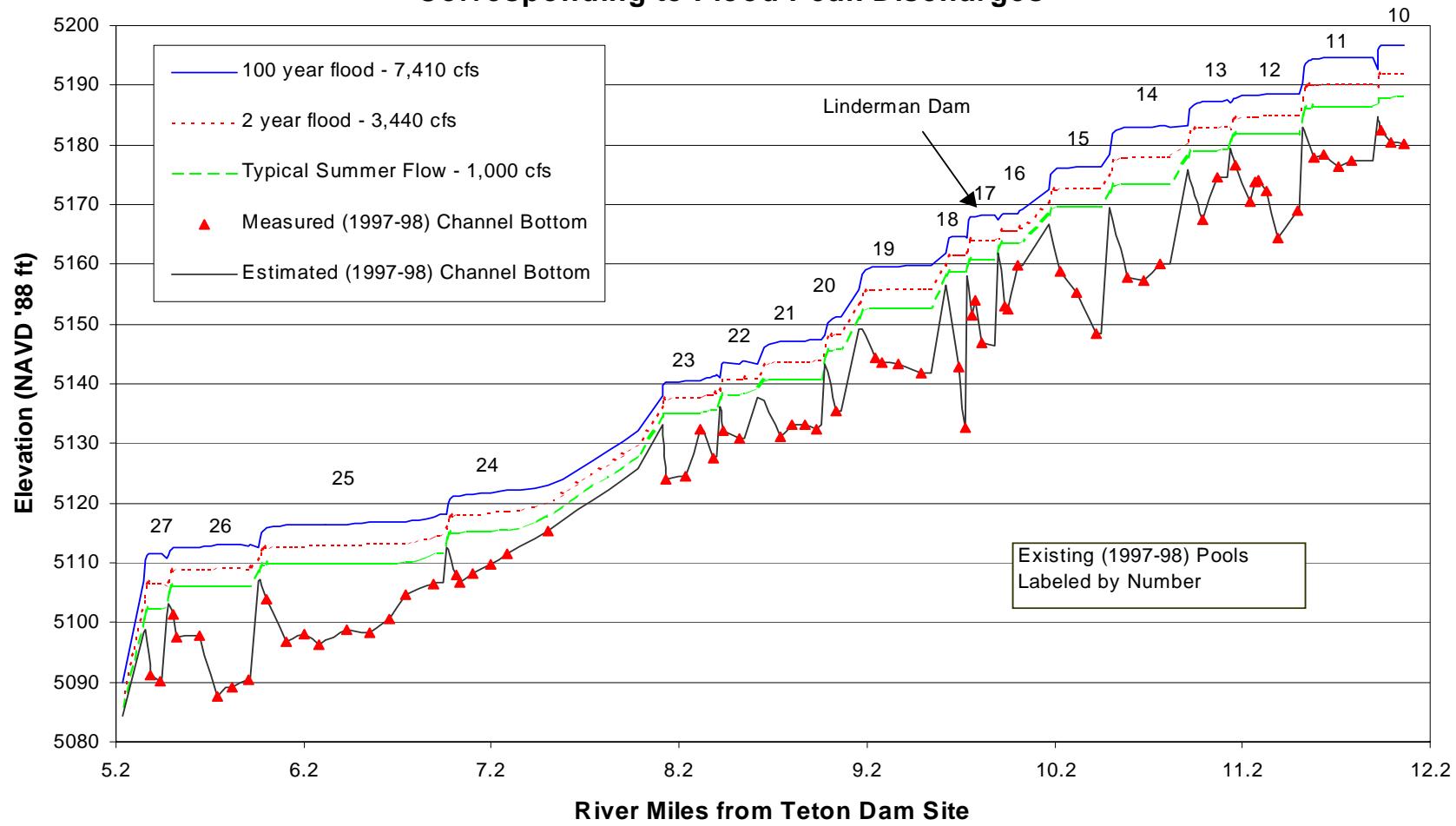


Figure H-2.—Existing conditions (1997-98) water surface and thalweg profiles corresponding to a typical summer discharge and flood peak discharges (RM 5 to 12.1).

**Existing Conditions (1999) Water Surface and Thalweg Profiles
Corresponding to Flood Peak Discharges**

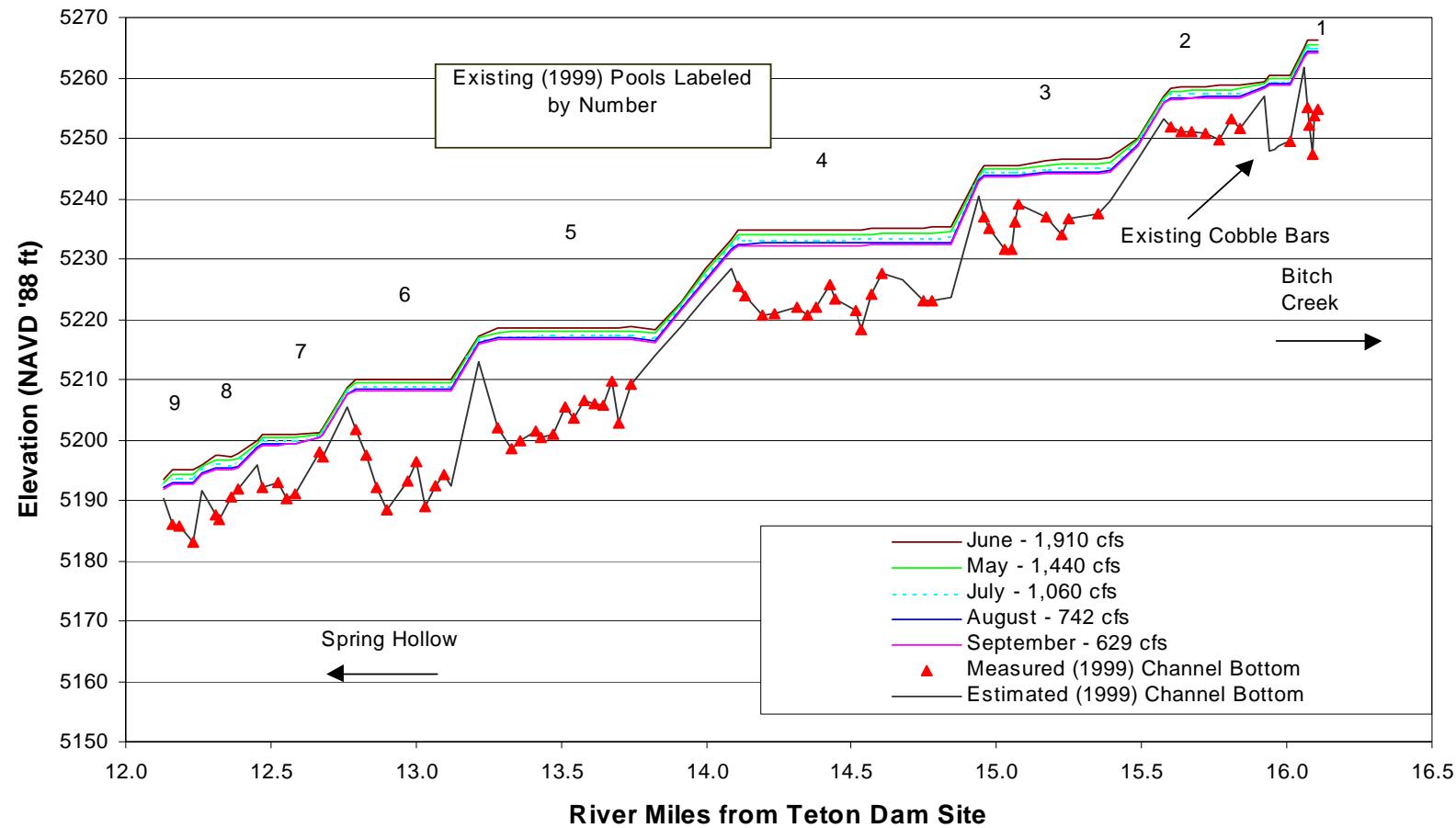


Figure H-3.—Existing conditions (1999) water surface and thalweg profiles corresponding to median summer discharges (RM 12.1 to 16.1).

**Existing Conditions (1997-98) Water Surface and Thalweg Profiles
Corresponding to Median Summer Discharges**

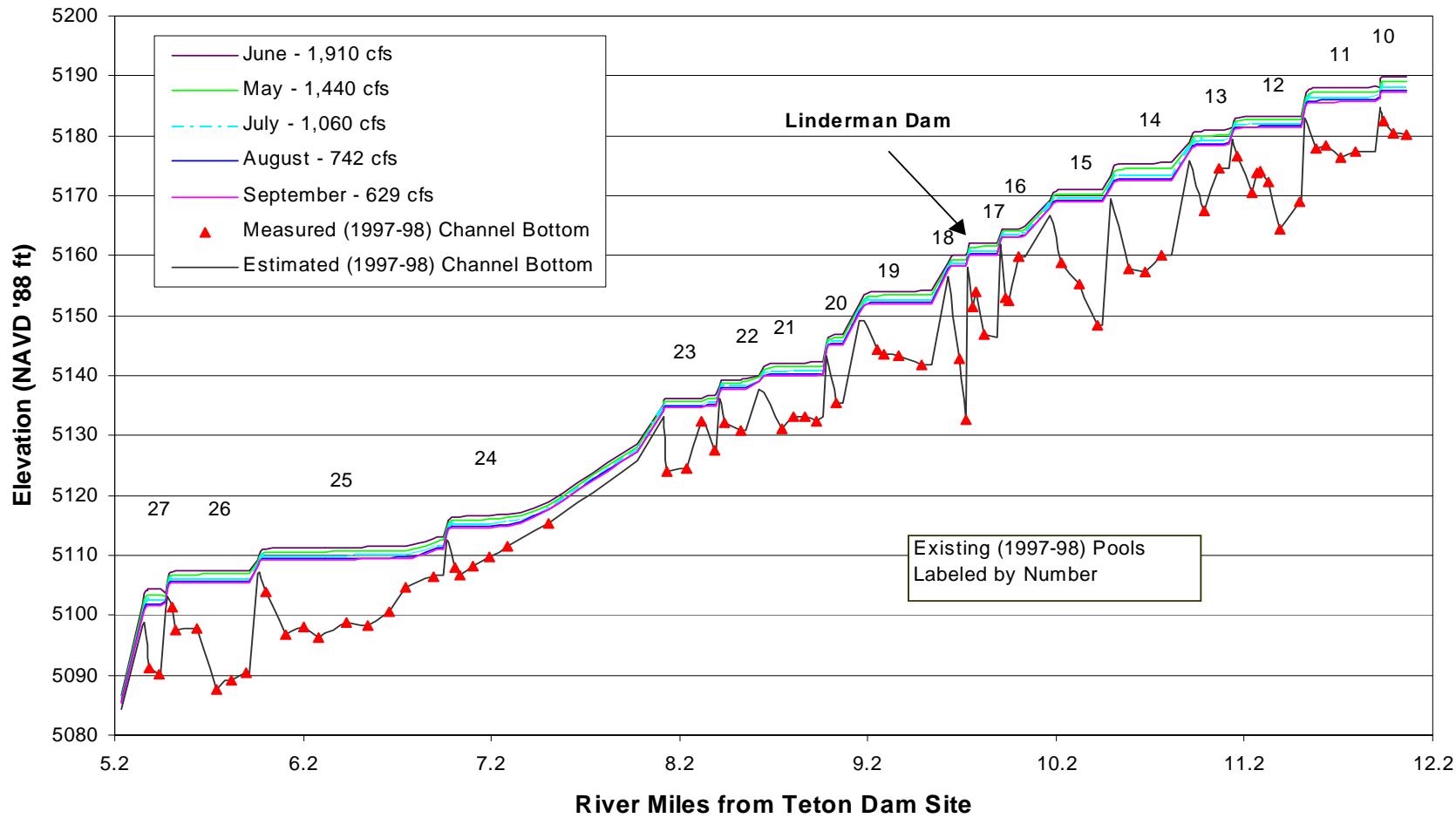


Figure H-4.—Existing conditions (1999) water surface and thalweg profiles corresponding to median summer discharges (RM 5 to 12.1).

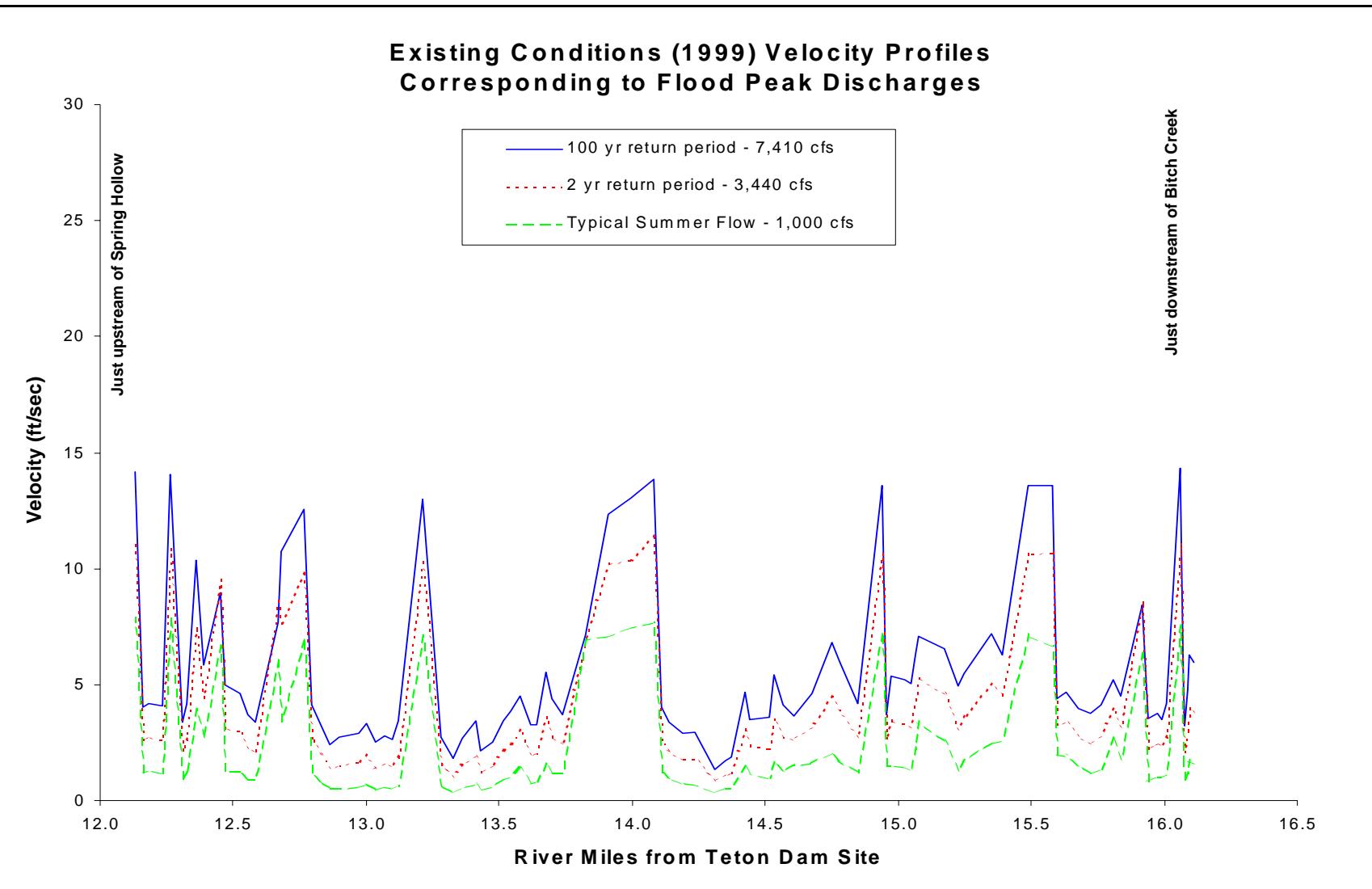


Figure H-5.—Existing conditions (1999) velocity profiles corresponding to a typical summer discharge and flood peak discharges (RM 12.1 to 16.1).

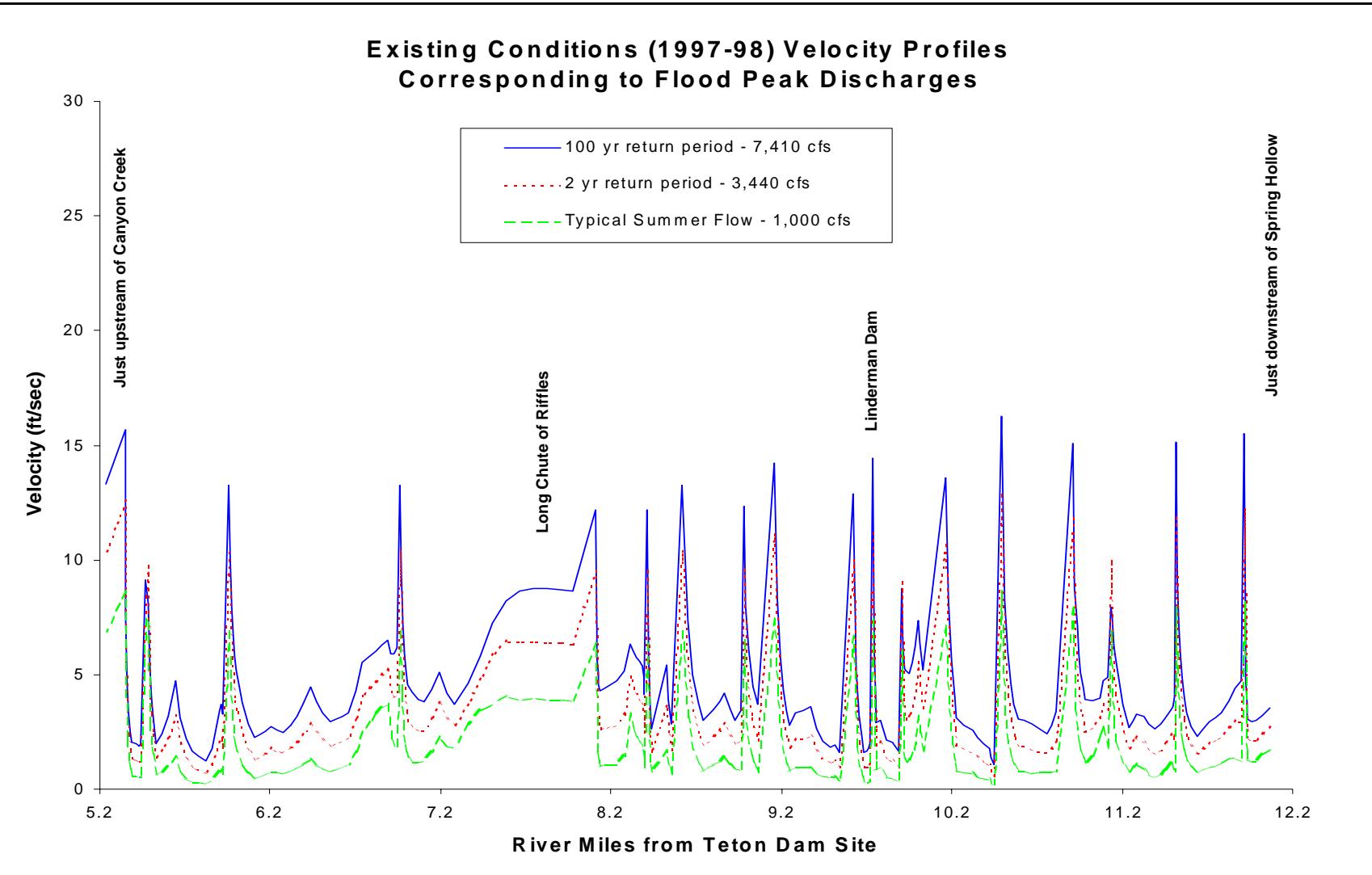


Figure H-6.—Existing conditions (1997-98) velocity profiles corresponding to a typical summer discharge and flood peak discharges (RM 5 to 12.1).

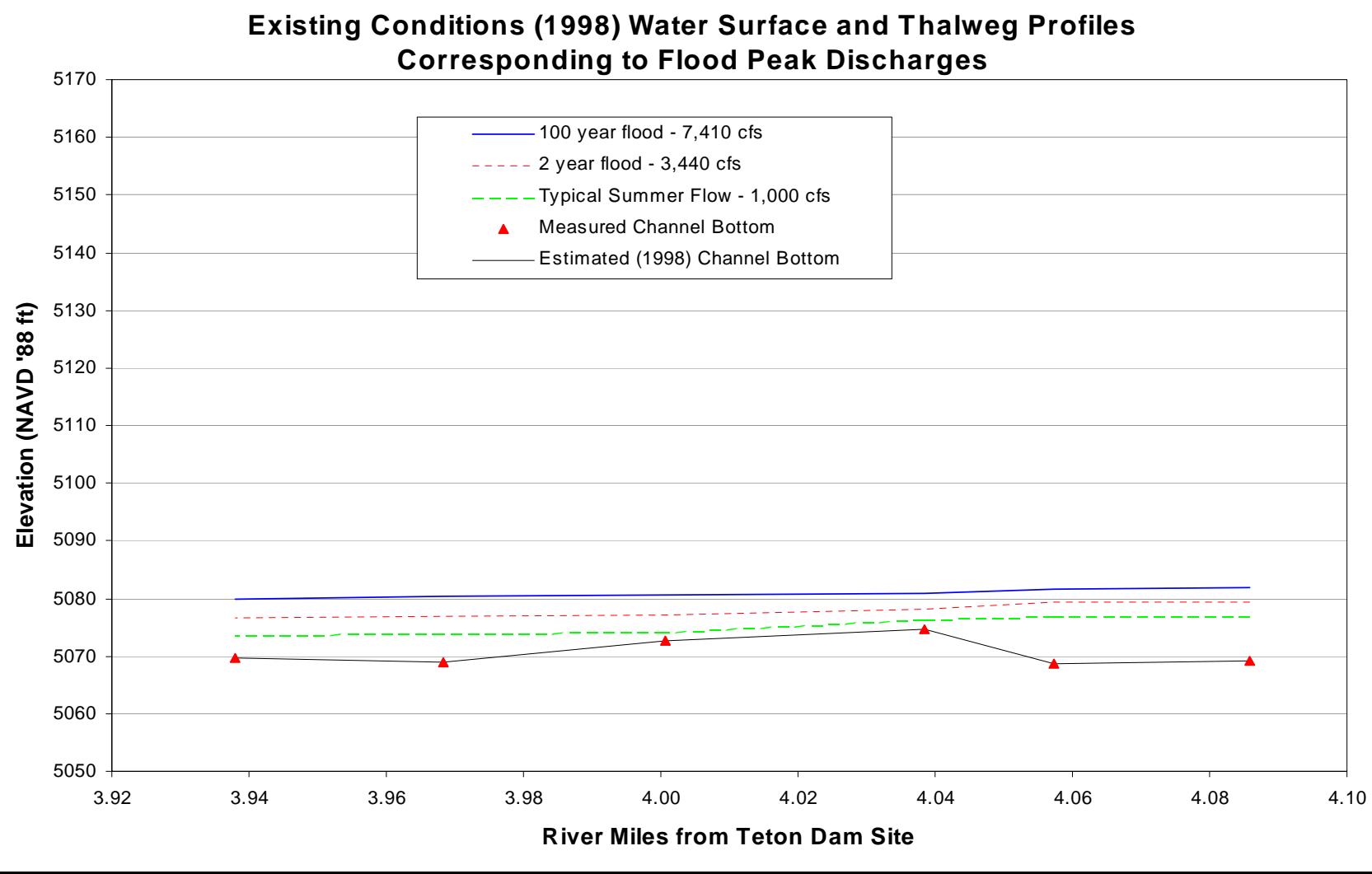


Figure H-7.—Existing conditions (1998) water surface and thalweg profiles corresponding to a typical summer discharge and flood peak discharges (RM 4).

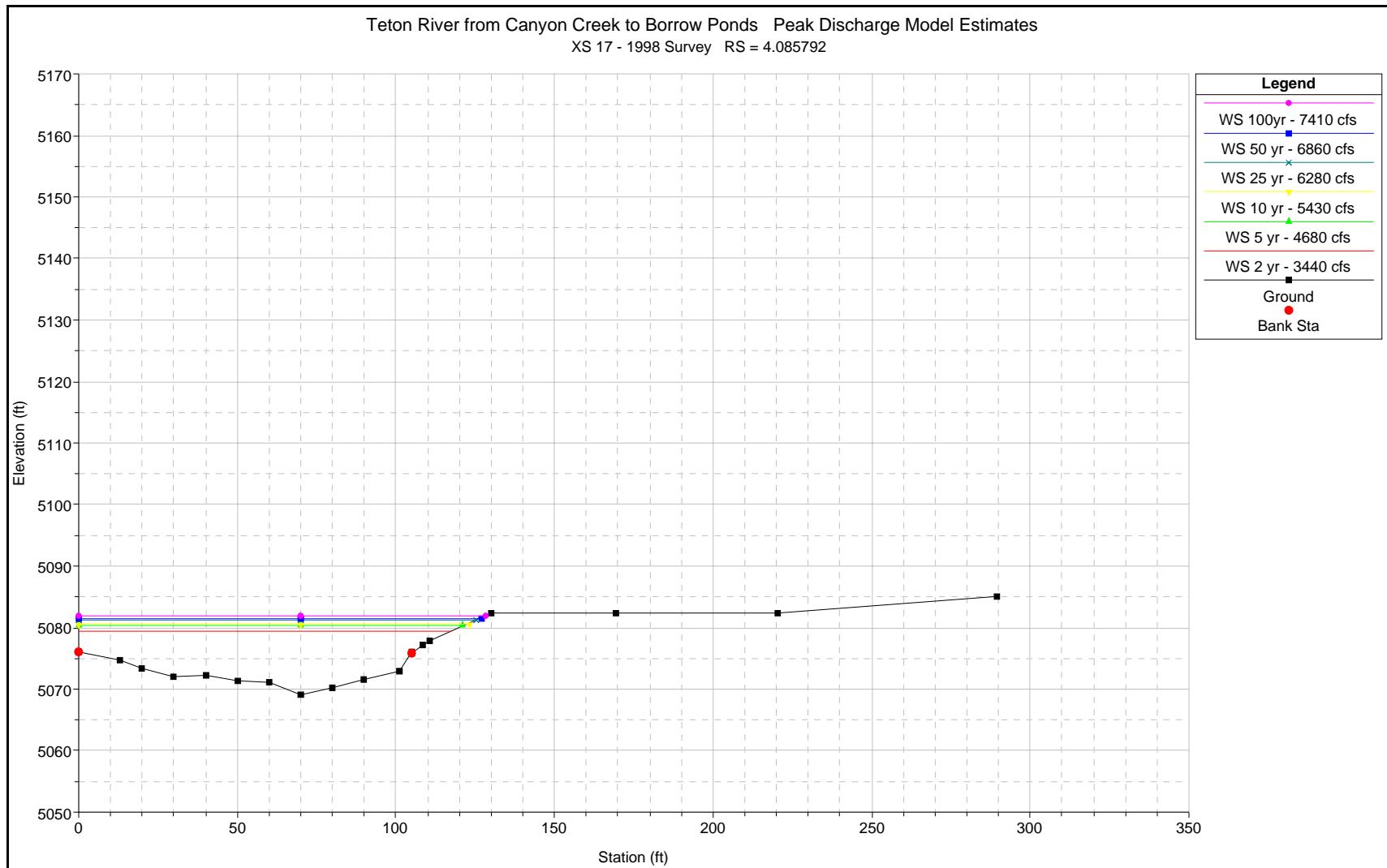


Figure H-8.— Computed water surface profiles corresponding to flood peak discharges at a section representative of Canyon Creek to Borrow Ponds reach (RM 4.086).

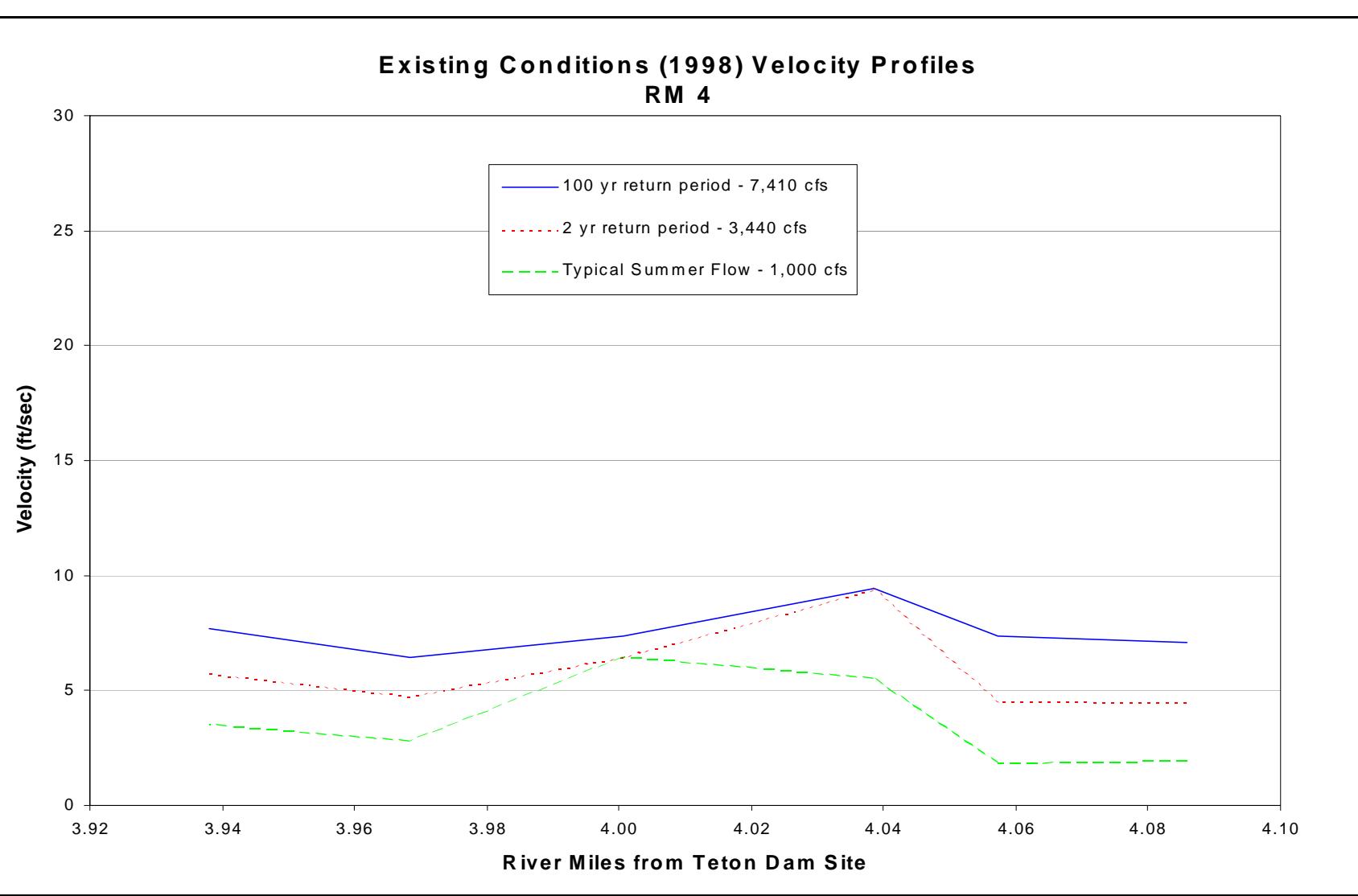


Figure H-9.—Existing conditions (1998) velocity profiles corresponding to a typical summer discharge and flood peak discharges (RM 4). In the riffle area (XS 4.04 and 4.00), the velocities for different discharges are similar because of the local cross-section geometry, where there is a large increase in river width and a small increase in water depth (see pages F-3 and F-4).

Existing Conditions (1997) Water Surface and Thalweg Profiles
Typical Summer Flow of 1,000 cfs

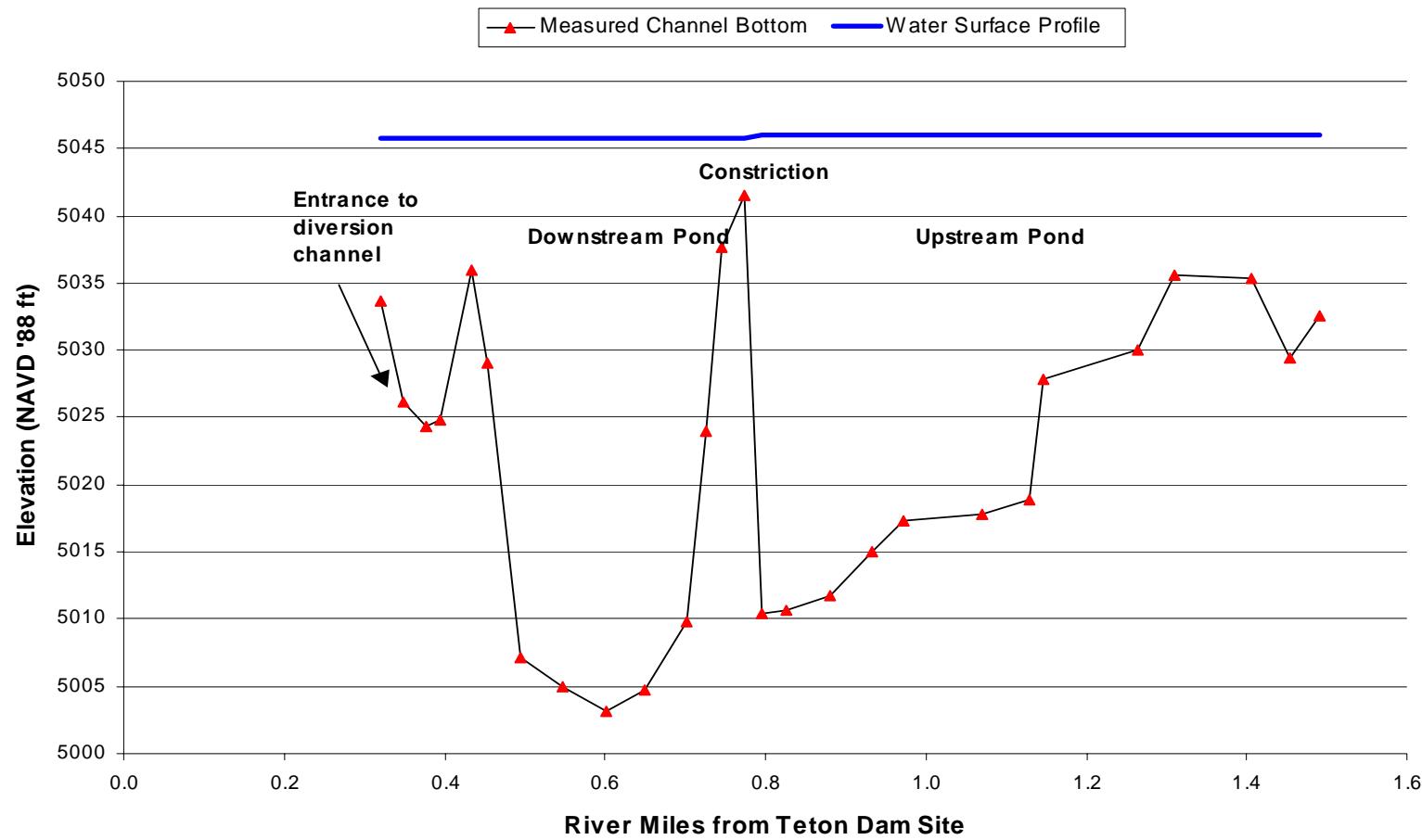


Figure H-10.—Existing conditions (1997) water surface and thalweg profile corresponding to a typical summer discharge(Borrow Ponds).

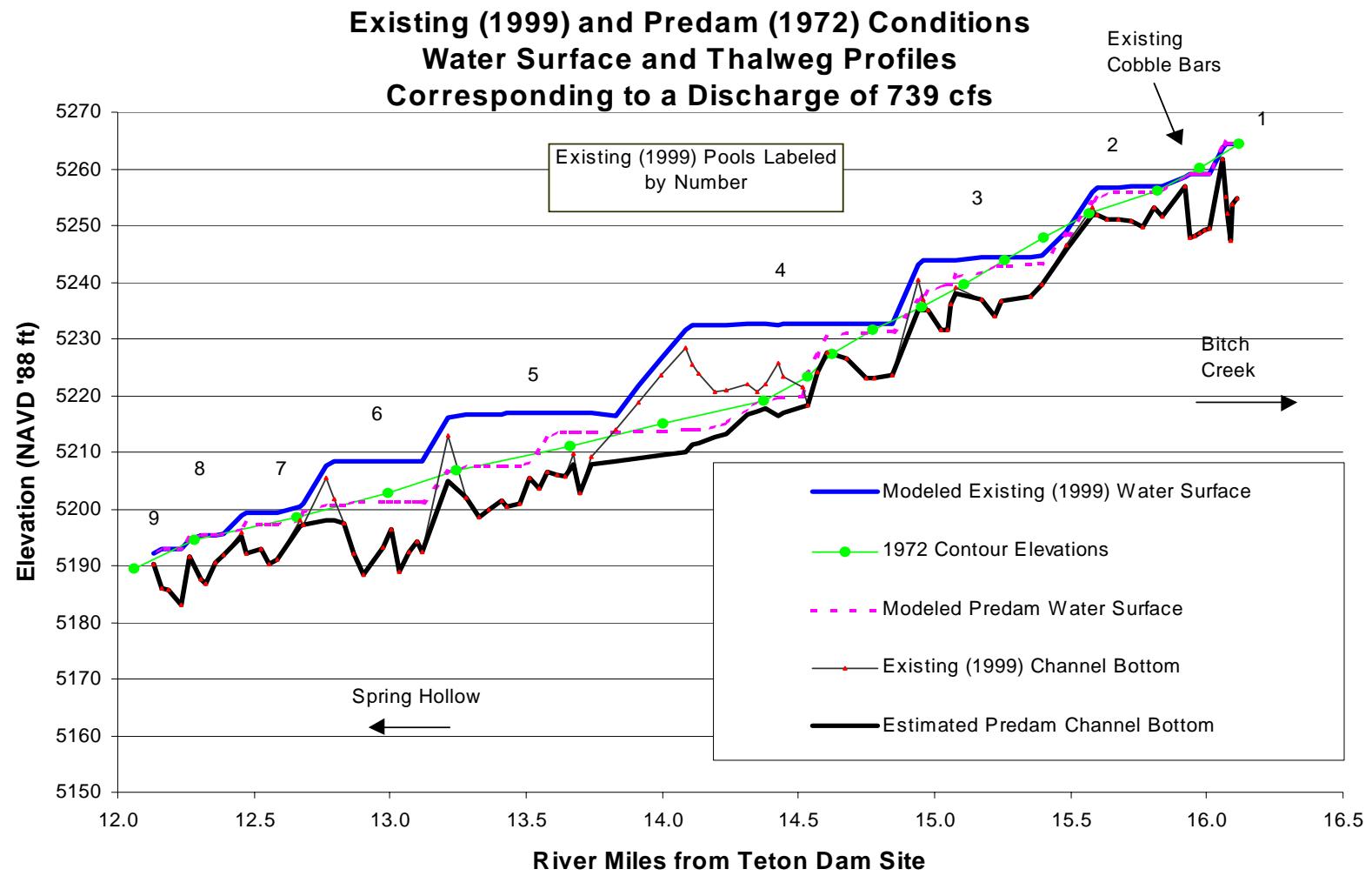


Figure H-11.—Comparison of existing conditions (1999) and predam (1972) water surface and thalweg profiles corresponding to a typical summer discharge (RM 12.1 to 16.1).

**Existing (1997-98) and Predam (1972) Conditions
Water Surface and Thalweg Profiles
Corresponding to a Discharge of 739 cfs**

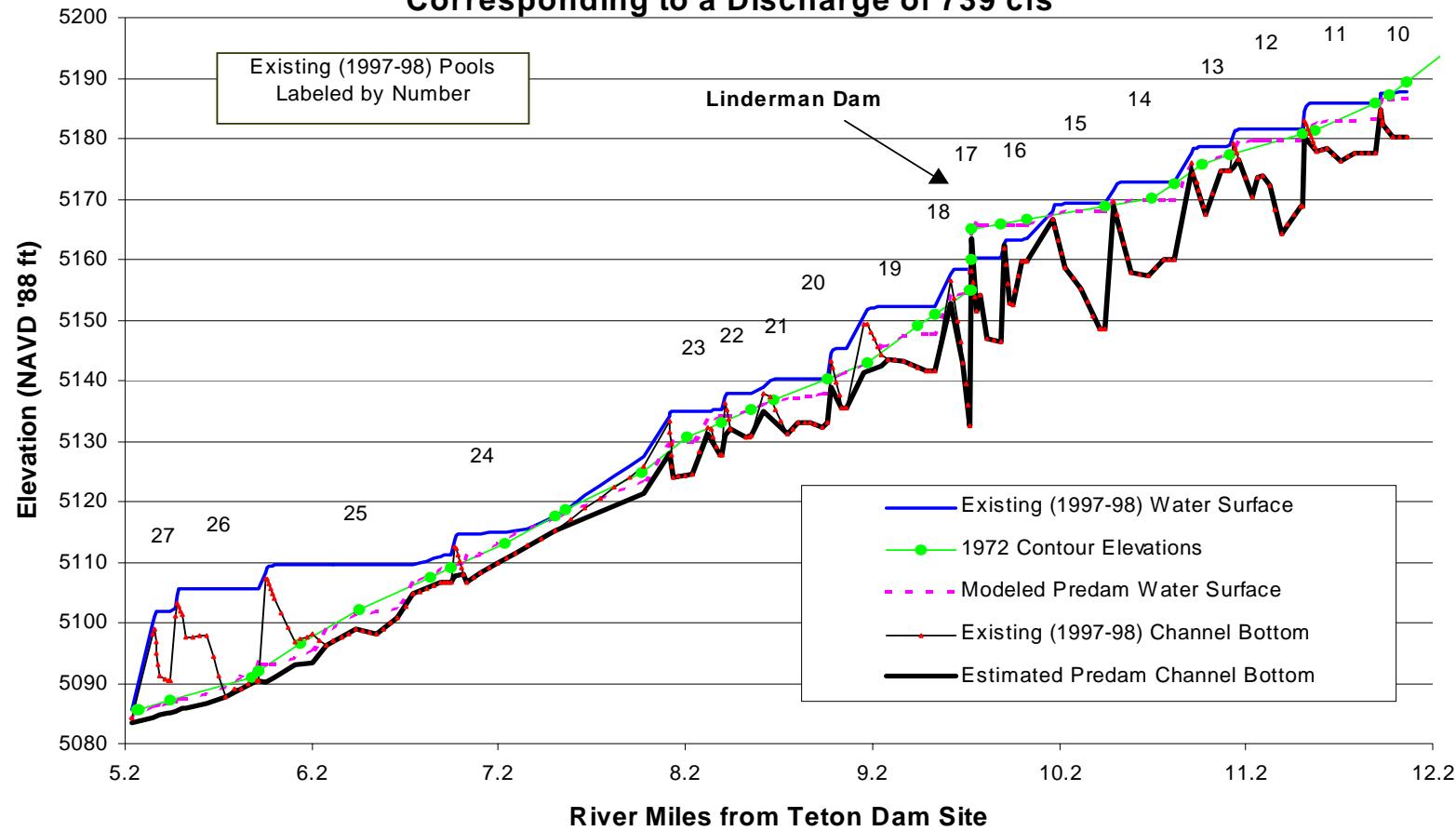


Figure H-12.—Comparison of existing conditions (1997-98) and predam (1972) water surface and thalweg profiles corresponding to a typical summer discharge (RM 5 to 12.1).